

What is claimed is:

1. A method for reallocating a measurement period in dynamic resource allocation in packet data transfer, the  
5 method performing adjacent cell signal level measurement during a first period before a first reception slot,  
wherein, in the case where uplink resource would be subjected to limitation when the measurement period were allocated to the first period, the measurement period is  
10 reallocated from the first time to a second period before a first transmission slot.
2. The method as in claim 1, wherein preparation for reception is performed during the first period and  
15 preparation for transmission is performed during the second period.
3. The method as in claim 1, wherein the case where uplink resource would be subjected to limitation is defined  
20 as a case where the first period is greater than a period between an end position of a transmission slot allocated by a USF included in a downlink channel and a next reception slot.
- 25 4. The method as in claim 2, wherein, in a system under which one frame comprises eight slots, a transmission and reception slot offset is three slots, the measurement

period is one slots, the time needed for the preparation for reception is one slot and the time needed for the preparation for transmission is one slot, the case where uplink resource would be subjected to limitation is defined  
5 as a case where a transmission slot is allocated to a fourth transmission slot position by a USF included in a downlink channel.

5. A mobile station apparatus used in a wireless  
10 communication system for performing dynamic resource allocation in packet data transfer, the apparatus performing adjacent cell signal level measurement during a first period before a first reception slot,

wherein, in the case where uplink resource would be  
15 subjected to limitation when the measurement period were allocated to the first period, the measurement period is reallocated from the first time to a second period before a first transmission slot.

20 6. The apparatus as in claim 5, wherein preparation for reception is performed during the first period and preparation for transmission is performed during the second period.

25 7. The apparatus as in claim 5, wherein the case where uplink resource would be subjected to limitation is defined as a case where the first period is greater than a period

between an end position of a transmission slot allocated by a USF included in a downlink channel and a next reception slot.

5 8. The apparatus as in claim 6, wherein, in a system under which one frame comprises eight slots, a transmission and reception slot offset is three slots, the measurement period is one slots, the time needed for the preparation for reception is one slot and the time needed for the  
10 preparation for transmission is one slot, the case where uplink resource would be subjected to limitation is defined as a case where a transmission slot is allocated to a fourth transmission slot position by a USF included in a downlink channel.

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9. A wireless communication system for performing dynamic resource allocation in packet data transfer between an uplink channel and a downlink channel provided between a base station apparatus and a mobile station apparatus,  
20 wherein the mobile station apparatus reallocates an adjacent cell signal level measurement period from a first period before a first reception slot to a second period before a first transmission slot, in the case where uplink resource would be subjected to limitation when the  
25 measurement period were allocated to the first period.

10. The system as in claim 9, wherein preparation for reception is performed during the first period and preparation for transmission is performed during the second period.

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11. The system as in claim 9, wherein the case where uplink resource would be subjected to limitation is defined as a case where the first period is greater than a period between an end position of a transmission slot allocated by  
10 a USF included in the downlink channel and a next reception slot.

12. The system as in claim 10, wherein, in a system under which one frame comprises eight slots, a transmission and  
15 reception slot offset is three slots, the measurement period is one slots, the time needed for the preparation for reception is one slot and the time needed for the preparation for transmission is one slot, the case where uplink resource would be subjected to limitation is defined  
20 as a case where a transmission slot is allocated to a fourth transmission slot position by a USF included in the downlink channel.